

Firmenich

Safety Data Sheet

According to Regulation ST/SG/AC.10/30/Rev.4 UN GHS

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

911180
AQUALOSONE
© Firmenich product

CAS No: 1370699-98-1
EC No:

1.2 Relevant identified uses of the substance or mixture and uses advised against

Fragrance ingredient for use in consumer products.
Not for personal use in this form or concentration.
Intended to be used in the manufacture of products for consumers.

1.3 Details of the supplier of the safety data sheet

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1.4 Emergency telephone number

+65 3158 1074 NCEC - Available 24/7

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation ST/SG/AC.10/30/Rev.4 [UN/GHS]

| | |
|---|------|
| Acute Toxicity (oral) - Cat. 5 | H303 |
| Skin Irritation - Cat. 2 | H315 |
| Acute Toxicity (inhalation) - Cat. 5 | H333 |
| Environmental Hazard (acute) - Cat. 3 | H402 |
| Environmental Hazard (chronic) - Cat. 3 | H412 |

2.1.2 Classification according to 67/548/EEC or 1999/45/EC

Symbols:

Xi Irritant

Risks Phrases:

R38 Irritating to skin.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Firmenich

Safety Data Sheet

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2.1.3 Additional information

Full text of listed statements : See section 16

2.2 Label elements

Hazard pictograms:



Signal Word:

Warning

Hazard Statements:

| | |
|-----------|--|
| H315 | Causes skin irritation. |
| H303+H333 | May be harmful if swallowed or if inhaled. |
| H412 | Harmful to aquatic life with long lasting effects. |

Precautionary Statements:

| | |
|-----------|--|
| P264 | Wash thoroughly after handling. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P391 | Collect spillage. |
| P304+P312 | IF INHALED: Call a POISON CENTER or doctor/ physician if you feel unwell. |

2.3 Other hazards

No data available at this time.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical substance.

Contains :

| | |
|--------------------------|--|
| $\geq 99.0 \leq 100.0\%$ | Classification: Xi - R38,R52/53 |
| Ethanone, 1-(5- | GHS Classification: |
| -(3-propyl-1,3- | Skin Irritation - Cat. 2 [H315] |
| benzodioxol-2-yl)- | Environmental Hazard (chronic) - Cat. 3 [H412] |
| N° CAS : 1370699-98-1 | Environmental Hazard (acute) - Cat. 3 [H402] |
| N° ELINCS: -- | Acute Toxicity (oral) - Cat. 5 [H303] |
| | Acute Toxicity (inhalation) - Cat. 5 [H333] |

Firmenich

Safety Data Sheet

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4 FIRST-AID MEASURES

4.1 Description of first aid measures

General information:

As in all cases of potential poisoning, Obtain medical advice immediately.

In case of eye contact:

Irrigate copiously with water for at least 10 minutes. Obtain medical advice if any irritation or evidence of tissue damage persists.

In case of inhalation:

Remove the individual to fresh air and keep at rest. Obtain medical advice immediately.

In case of skin contact:

Remove contaminated clothes. Wash skin with large volumes of water.

If irritation persists, or any sign of tissue damage is apparent, obtain medical advice immediately.

In case of ingestion:

Rinse mouth with water. Obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

No specific data available.

4.3 Indication of immediate medical attention and special treatment needed

No specific data available.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media

In the event of fire, adequate extinguishers should be used. Avoid inhalation of smoke and fumes. In case of insufficient ventilation, wear suitable respiratory equipment.

5.2 Special hazard arising from the substance or mixture

No specific hazard known.

5.3 Advice for fire-fighters

No specific advice.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Adequate protective gloves should be worn when handling spillages. No smoking. Avoid naked flames or other potential sources of ignition (eg. electrical equipment).

Avoid skin contamination and inhalation of vapour.

Individual washing routines should be followed after any potential contact.

Ensure adequate ventilation in working areas following accidental releases.

For emergency personnel:

Apply the same recommendations as section 6.1

Firmenich

Safety Data Sheet

According to Regulation ST/SG/AC.10/30/Rev.4 UN GHS

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6.2 Environmental precautions

Do not discharge directly into drains, air, into soil or into the aquatic environment.

6.3 Methods and material for containment and cleaning up

For containment:

Any absorbent used for cleaning up spillage should be disposed promptly, accordingly to local regulation. Gross spillages should be contained by any means, and disposal of this should be in accordance with Government Regulations.

For cleaning-up:

Spillages should be disposed of in accordance with Governmental Regulations.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Wear adequate protective gloves protection and eye/face protection.

No smoking. Avoid any sources of ignition.

Avoid exposing to high temperature during processing.

Do not ingest or apply to the skin as such. Good personal washing routines should be followed.

Maintain adequate local and general ventilation where product is handled.

7.1.1 Protective measures

Keep strict control of dust accumulation to a minimum. Maintain adequate local and general ventilation where product is handled. Avoid any sources of ignition.

7.1.2 Advice on general occupational hygiene

Good personal washing routines should be followed.

7.2 Conditions for safe storage, including any incompatibilities

It is good general practice to store in closed, preferably full, containers away from heat sources, and protected from extremes of temperature. Do not re-use the empty container.

Respect general rules for compatibility storage.

7.3 Specific end use(s)

Not available at this time.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

-

8.2 Exposure controls

Avoid exposing to high temperature during processing.

Maintain adequate local and general ventilation where product is handled.

8.2.1 Appropriate engineering controls

Maintain adequate local and general ventilation where product is handled and dispensed.

8.2.2 Environmental exposure controls

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Safety Data Sheet

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Not available at this time. Minimize release to the environment.

8.3 Personal protection

Respiratory protection: Where ventilation (LEV) is inadequate to prevent any inhalation of substances, use adequate respiratory apparatus.

Hand protection: Adequate Protective Gloves should be worn.

Eye protection: Adequate safety glasses should be used.

Skin protection: Wear protective clothing, overall if necessary to limit the odour contamination of personal clothing. Individual washing routines should be followed after any potential contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|--------------|---|
| Appearance : | LIQUID |
| Colour : | COLOURLESS TO YELLOW |
| Odour : | Characteristic strong odour according to the commercial description of the substance. |

| | |
|--|---------------|
| pH : | Not available |
| Melting point/range (°C) : | Not available |
| Initial boiling point/range (°C) : | Not available |
| Flash point (closed cup) : | = 136°C |
| Evaporation rate : | Not available |
| Flammability (solid/gas) : | Not available |
| Upper/lower flammability or explosive limits : | |
| Vapour pressure (Pa) : | Not available |
| Vapour density : | Not available |
| Relative density (d 20/20) : | Not available |
| Water solubility (20°C) : | Not available |
| Partition coef. (n-octanol/water) : | Not available |
| Auto-ignition temperature (°C): | Not available |
| Decomposition temperature : | Not available |
| Viscosity : | Not available |
| Explosive properties : | Not available |
| Oxidizing properties : | Not available |

9.2 Other safety information

None

10 STABILITY AND REACTIVITY

10.1 Reactivity

No reaction known with water.

10.2 Chemical stability

Good stability at standard temperature.

10.3 Possibility of hazardous reactions

Not known.

Firmenich

Safety Data Sheet

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10.4 Conditions to avoid

Avoid temperatures above or at least 5 °C below flash point for any flammable liquids.
Do not heat closed containers.
Avoid contact with oxidizing agents.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

Contact with water or storage under recommended conditions for one year should not produce dangerous decomposition products.

11 TOXICOLOGICAL INFORMATION

LD50 (oral, rat) (OECD 423): LD50 > 2000 mg/kg
NOAEL (oral repeated dose 28-day, rat) (OECD 407): 300 mg/kg
LD50 (inhalation, rat) (OECD 403): > 5.97 mg/L
LD50 (dermal, rat) (OECD 402): > 2000 mg/kg
Acute dermal Irritation (OECD 439, in-vitro human epidermis): Irritant at 100%
Acute eye Irritation (OECD 438, in-vitro chicken eye): Non-Irritant at 100%
Acute eye Irritation (OECD 405, rabbit): Mild-Irritant at 100%
Sensitization (GPMT, guinea pig) (OECD 406): Not Sensitizer at 100%
Mutagenicity (OECD 471): Non-mutagenic
Mutagenicity (OECD 473): Non-clastogenic

12 ECOLOGICAL INFORMATION

Alga, Growth Inhibition test (OECD 201): 72-h EC50=12 mg/l;
Activated Sludge, Respiration Inhibition test (OECD 209): 3-h EC50=189 mg/l; 3-h
Daphnia, Acute toxicity (OECD 202): 48-h EC50=21.7 mg/l;
Ready biodegradability (OECD 301F) : Not Readily biodegradable (52.3%).

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: The product should be handled according to the instructions given under sections 6, 7 and 8. Dispose of according to local or national regulations. The product should not be allowed to enter drains or the environment

Contaminated packaging: Empty packaging should be disposed according to local or national regulations by an approved waste handling

14 TRANSPORT INFORMATION

In case of accidental spillage or fire during transport, refer to instructions given under points 5, 6, 7 and 8 above.

14.1 UNO

UN-No: Not regulated
Proper Shipping Name: N/A

Firmenich

Safety Data Sheet

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Class: ----
Packing Group: ---

14.2 Land transport (ADR/RID)

UN-No: Not regulated
Proper Shipping Name: N/A
Class: ----
Packing group: ---

14.3 Sea transport (IMDG-Code)

UN-No: Not regulated
Proper Shipping Name: N/A
Class: ----
Packing group: ---

14.4 Air transport (ICAO-IATA)

UN-No: Not regulated
Proper Shipping Name: N/A
Class: ----
Packing group: ---

15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

No relevant information available at this time.

15.2 Chemical Safety Assessment

No data available at this time.

16 OTHER INFORMATION

16.1 Revisions

01-Dec-2010: Version 6.1 - First version validated for publication
04-May-2012: Version 6.2 - Updates to sections 1, 2, 3, 8.3, 11, 12, 16.
20-Apr-2013: Version 6.3 - Updates to sections 1, 2, 3, 8.1, 14, 16.
07-July-2014: Version 6.4 - Updates to sections 2, 3, 14, 16.
30-May-2015: Version 6.5 - Updates to sections 2,3,7,8,9,13,14,16

16.2 Key literature references

RIFM database
OECD SIDS
EU IUCLID
Supplier information

16.3 Full text of phrases used under section 2

Firmenich

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S24/25
S61
Avoid contact with skin and eyes.
Avoid release to the environment. Refer to special instructions/Safety data sheets.

H303
H315
H333
H402
H412
May be harmful if swallowed.
Causes skin irritation.
May be harmful if inhaled.
Harmful to aquatic life.
Harmful to aquatic life with long lasting effects.

P264
P273
P280
P302+P352
P391
P304+P312
P332+P313
P362
Wash thoroughly after handling.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of soap and water.
Collect spillage.
IF INHALED: Call a POISON CENTER or doctor/ physician if you feel unwell.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.

16.4 Full text of phrases used under section 3

H303
H315
H333
H402
H412
May be harmful if swallowed.
Causes skin irritation.
May be harmful if inhaled.
Harmful to aquatic life.
Harmful to aquatic life with long lasting effects.

R38
R52/53
Irritating to skin.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and the conditions of use of the product are not within the control of Firmenich, it is the user's obligation to determine conditions of safe use of the product.

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